

## News@SIOP – Supportive Care – August 2016

### **Role of the Supportive Care working group**

To identify those interested and active in Supportive Care, to support one another and generate discussion in the different areas of Supportive Care and offer insight in areas of research and areas of education on Supportive Care issues worldwide:

Chairs; Prof. Dr. T. Lehrnbecher (paediatric oncologist, JW Goethe University, Frankfurt Germany ) and Dr. M.D. van de Wetering (paediatric oncologist AMC/emma childrens hospital, Amsterdam, the Netherlands) Both will step down in 2016 and proposed to the board to step in are Prof R Kebudi chair. (Prof Pediatric oncology Istanbul University Oncology institute) and Dr W Tissing vice chair (Pediatric oncologist University of Groningen The Netherlands) and Dr M.D. van de Wetering will stay at their side to coach the supportive care working group.

### **What has been done 2015-2016**

1. In collaboration with POGO (Canada) Development of International Supportive Care guidelines ; the International Pediatric Oncology Guideline network has been active in setting up an international network and updating each other by telephone conferences monthly on the progress of guideline development Many members of the supportive care working group are involved worldwide in guideline development.

iPOG Network: <http://www.sickkids.ca/Research/iPOG/>

2. Collaboration with MASCC (Multinational Association of Supportive Care in Cancer (M van de Wetering Chair of MASCC pediatric Supportive Care working group since 2011 and as from 2016 W Tissing and F Gibson will step down as co chairs and Dr A Orsey will start as vice chair (pediatric oncologist Connecticut Childrens medical center Hartford Connecticut USA) In Copenhagen 2015 we actively participated in the consensus guidelines from the adult emesis working group on antiemetics in children with cancer chaired by Dr L Dupuis (Toronto Canada) This manuscript will soon be published in the Journal of supportive care in cancer. The relationships with the adult working groups are important to gain new insights in Supportive Care which are used in the annual meeting of the Siop Supportive Care working group to spread these insights broadly.

3. Collaboration with PODC group and Supportive Care committee incorporating teaching sessions and guidelines for developing countries. Via the cure4kids site St Judes site;

[www.cure4kids.org](http://www.cure4kids.org)

Especially in SA SIOP 2015 the connection PODC supportive care and Supportive care working group is high and reason why Prof Kebudi is stepping in as chair.

4. Collaboration with the I-BFM ELTEC (“early and late toxicity and education”). This I-BFM based supportive care group currently up-dates a teaching booklet for young pediatric hematologists and oncologists which will be widely distributed in the I-BFM. Led by Thomas Lehrnbecher, the part on infectious complications is written by members of the supportive care group of SIOP (e.g., Dr. Lillian Sung”)



**Publications from chair, vice chair and Young investigators involved in supportive care research**

Fertility preservation in children, adolescents, and young adults with cancer: Quality of clinical practice guidelines and variations in recommendations.

**Font-Gonzalez A**, Mulder RL, Loeffen EA, Byrne J, van Dulmen-den Broeder E, van den Heuvel-Eibrink MM, Hudson MM, Kenney LB, Levine JM, **Tissing WJ**, **van de Wetering MD**, Kremer LC; PanCareLIFE Consortium.  
Cancer. 2016 May 13. doi: 10.1002/cncr.30047

Current variations in childhood cancer supportive care in the Netherlands.

Loeffen EA, Mulder RL, van de Wetering MD, **Font-Gonzalez A**, Abbink FC, Ball LM, Loeffen JL, Michiels EM, Segers H, Kremer LC, Tissing WJ.  
Cancer. 2016 Feb 15;122(4):642-50.

Prevalence of Symptomatic and Asymptomatic Thrombosis in Pediatric Oncology Patients With Tunneled Central Venous Catheters.

**Schoot RA**, **van de Wetering MD**, Stijnen T, **Tissing WJ**, Michiels E, Abbink FC, Raphael MF, Heij HA, Zwaan M, Lieverst JA, Caron HN, van Ommen H; DCOG-Aristocats Supportive Care Working Group.  
Pediatr Blood Cancer. 2016 Apr 29.

Predicting microbiologically defined infection in febrile neutropenic episodes in children: global individual participant data multivariable meta-analysis.

Phillips RS, Sung L, Ammann RA, Riley RD, Castagnola E, Haeusler GM, Klaassen R, **Tissing WJ**, **Lehrnbecher T**, Chisholm J, Hakim H, Ranasinghe N, Paesmans M, Hann IM, Stewart LA.  
Br J Cancer. 2016 May 26

Risk-adapted approach for fever and neutropenia in paediatric cancer patients--a national multicentre study.

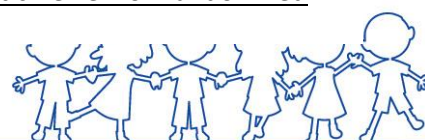
Miedema KG, **Tissing WJ**, Abbink FC, Ball LM, Michiels EM, van Vliet MJ, de Vries WY, Kamps WA, Norbruis OF, Fiocco M, de Groot-Kruseman HA, **van de Wetering MD**, de Bont ES.  
Eur J Cancer. 2016 Jan;53:16-24.

Classification of treatment-related mortality in children with cancer: a systematic assessment.

Alexander S, Pole JD, Gibson P, Lee M, Hesser T, Chi SN, Dvorak CC, Fisher B, Hasle H, Kanerva J, Möricke A, Phillips B, Raetz E, Rodriguez-Galindo C, Samarasinghe S, Schmiegelow K, **Tissing W**, **Lehrnbecher T**, Sung L; International Pediatric Oncology Mortality Classification Group.  
Lancet Oncol. 2015 Dec;16(16):e604-10

Guideline for the prevention of oral and oropharyngeal mucositis in children receiving treatment for cancer or undergoing haematopoietic stem cell transplantation.

Sung L, Robinson P, Treister N, Baggott T, Gibson P, **Tissing W**, Wiernikowski J, Brinklow J, Dupuis LL.  
BMJ Support Palliat Care. 2015 Mar 27



Robinson PD, **Lehrnbecher T**, Phillips R, Dupuis LL, Sung L.  
J Clin Oncol. 2016 Mar 28.

Communication and integration: a qualitative analysis of perspectives among Middle Eastern oncology healthcare professionals on the integration of complementary medicine in supportive cancer care.

Ben-Arye E, Popper-Giveon A, Samuels N, Mutafoglu K, Schiff E, Omran S, Charalambous H, Dweikat T, Ghrayeb I, Turker I, Hassan A, Hassan E, Nimri O, **Kebudi R**, Silbermann M.  
J Cancer Res Clin Oncol. 2016 May;142(5):1117-26

Potential risks associated with traditional herbal medicine use in cancer care: A study of Middle Eastern oncology health care professionals.

Ben-Arye E, Samuels N, Goldstein LH, Mutafoglu K, Omran S, Schiff E, Charalambous H, Dweikat T, Ghrayeb I, Bar-Sela G, Turker I, Hassan A, Hassan E, Saad B, Nimri O, **Kebudi R**, Silbermann M.  
Cancer. 2016 Feb 15;122(4):598-610.

Integration of complementary medicine in supportive cancer care: survey of health-care providers' perspectives from 16 countries in the Middle East.

Ben-Arye E, Schiff E, Mutafoglu K, Omran S, Hajjar R, Charalambous H, Dweikat T, Ghrayeb I, Sela GB, Turker I, Hassan A, Hassan E, Popper-Giveon A, Saad B, Nimri O, **Kebudi R**, Dagash J, Silbermann M.  
Support Care Cancer. 2015 Sep;23(9):2605-12

Evaluating palliative care needs in Middle Eastern countries.

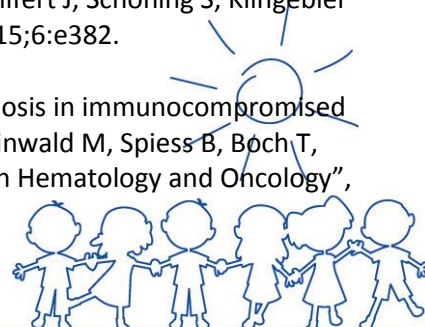
Silbermann M, Fink RM, Min SJ, Mancuso MP, Brant J, Hajjar R, Al-Alfi N, Baider L, Turker I, ElShamy K, Ghrayeb I, Al-Jadiry M, Khader K, Kav S, Charalambous H, Uslu R, **Kebudi R**, Barsela G, Kuruku N, Mutafoglu K, Ozalp-Senel G, Oberman A, Kislev L, Khleif M, Keoppi N, Nestoros S, Abdalla RF, Rassouli M, Morag A, Sabar R, Nimri O, Al-Qadire M, Al-Khalaileh M, Tayyem M, Doumit M, Punjwani R, Rasheed O, Fallatah F, Can G, Ahmed J, Strode D.  
J Palliat Med. 2015 Jan;18(1):18-25.

Lack of effectiveness of neutropenic diet and social restrictions as anti-infective measures in children with acute myeloid leukemia: an analysis of study AML-BFM 2004. Tramsen L, Salzmann-Manrique E, Bochennek K, Klingebiel T, Reinhardt D, Creutzig U, Sung L, **Lehrnbecher T** Clin Oncol 2016; (in press)

Infectious Complications in Children With Acute Myeloid Leukemia and Down Syndrome: Analysis of the Prospective Multicenter Trial AML-BFM 2004. Hassler A, Bochennek K, Gilfert J, Perner C, Schöning S, Creutzig U, Reinhardt D, **Lehrnbecher T**. **Pediatr Blood Cancer** 2016; 63:1070-4.

Infectious complications in children with acute myeloid leukemia: decreased mortality in multicenter trial AML-BFM 2004. Bochennek K, Hassler A, Perner C, Gilfert J, Schöning S, Klingebiel T, Reinhardt D, Creutzig U, **Lehrnbecher T** **Blood Cancer J** 2016; Jan 15;6:e382.

Biomarker-based diagnostic work-up of invasive pulmonary aspergillosis in immunocompromised paediatric patients--is Aspergillus PCR appropriate? Buchheidt D, Reinwald M, Spiess B, Boch T, Hoffmann WK, Groll AH, **Lehrnbecher T**; Working Group "Infections in Hematology and Oncology", German Paul-Ehrlich-Society **Mycoses** 2016; 59: 67-74



Bronchoalveolar lavage and lung biopsy in patients with cancer and hematopoietic stem-cell transplantation recipients: a systematic review and meta-analysis. Chellapandian D, **Lehrnbecher T**, Phillips B, Fisher BT, Zaoutis TE, Steinbach WJ, Beyene J, Sung L **J Clin Oncol** 2015 33: 501-509  
Identification of invasive fungal diseases in immunocompromised patients by combining an Aspergillus specific PCR with a multifungal DNA-microarray from primary clinical samples. Boch T, Reinwald M, Postina P, Cornely OA, Vehreschild JJ, Heussel CP, Heinz WJ, Hoenigl M, Eigl S, **Lehrnbecher T**, Hahn J, Claus B, Lauten M, Egerer G, Muller MC, Will S, Merker N, Hofmann WK, Buchheidt D, Spiess B . **Mycoses** 2015; 58: 735-745

$\beta$ -D-Glucan Screening for Detection of Invasive Fungal Disease in Children Undergoing Allogeneic Hematopoietic Stem Cell Transplantation Koltze A, Rath P, Schoning S, Steinmann J, Wichelhaus TA, Bader P, Bochennek K, **Lehrnbecher T** . **J Clin Microbiol** 2015; 53: 2605-2610

Therapeutic drug monitoring in the treatment of invasive aspergillosis with voriconazole in cancer patients--an evidence-based approach. Karthaus M, **Lehrnbecher T**, Lipp HP, Kluge S, Buchheidt D **Ann Hematol** 2015; 94: 547-556

Core outcomes and definitions for pediatric fever and neutropenia research: a consensus statement from an international panel. Haeusler GM, Phillips RS, **Lehrnbecher T**, Thursky KA, Sung L, Ammann RA **Ped Blood Cancer** 2015; 62: 483-489

Antifungal prophylaxis in pediatric patients undergoing therapy for cancer: drugs and dosing. **Lehrnbecher T** . **Current Opinion Infect Dis** 2015; 28: 523-531

### **Annual meeting SIOP 2015-2016**

- 1) During the meeting we will have a working group meeting session x 1 hour to discuss our progress and new developments and achievements In Dublin 2016 this will be on the last day of the congress the 22<sup>nd</sup> October 2016.
- 2) We will have a live IPOG meeting on the same day 22<sup>nd</sup> Oct from 1500-1700 hrs
- 3) In 2017 we will strive to present a workshop on guideline development

### **Needed improvements in the Supportive Care working group**

Possibility to organize an open meeting on day -1 of SIOP on a topic within supportive care that needs to be discussed such as the intended guideline development meeting.  
Spreading the news of this open meeting in a way that we can guarantee attendance as it is clear that the interest in supportive care issues is high and needs to be addressed and research needs to be shared in this important supportive care working group

